

IN THE CLAIMS

1. (currently amended) A metallic ~~Metallic~~ conductor for an electric and/or communication cable, the metallic conductor comprising an ~~that~~ comprises a ~~collected~~ assembly of flexible wires (22); characterized in that the conductor (21) assumes a predetermined polygonal cross-section having ~~comprising~~ one curved side.

2. (currently amended) A metallic conductor ~~Conductor~~ according to Claim 1, ~~in which~~ wherein the polygonal cross-section has ~~comprising~~ at least one straight side.

3. (canceled)

4. (currently amended) A metallic conductor ~~Conductor~~ according to Claim 3, ~~in which~~ wherein the polygonal cross-section is a circular sector.

5. (currently amended) A metallic conductor ~~Conductor~~ according to Claim 1, in which the diameter of each wire (22) is less than or equal to 0.61 mm.

6. (currently amended) A metallic conductor ~~Conductor~~ according to Claim 1, in which the conductor (21) is surrounded by a layer of an insulating material.

7. (previously presented) A metallic conductor ~~Conductor~~ according to Claim 6 , in

which the layer of insulating material is thermoplastic and/or thermosetting, such as polyethylene, polyester, fluorinated polymer, polyolefin, polyamide, polyimide, polyurethane, polyvinyl chloride, thermoplastic elastomer, ethylene-propylene, polychloroprene or silicone rubber, as well as their compounds and derivatives.

8. (currently presented) An electric Electric and/or communication cable comprising that comprises a plurality of conductors (21) according to claim 1, each of the conductors being electrically insulated from one another, and in their turn grouped together by a cabling process under a covering or a common binding element, characterized in that the conductors (21) assume a predetermined polygonal arrangement having comprising a curved side.

9. (currently amended) A cable Cable according to Claim 8, in which wherein the predetermined polygonal arrangement includes at least one straight side.

10. (currently amended) A cable Cable according to Claim 9, in which wherein the predetermined polygonal arrangement includes a combination of at least one straight side and one curved side.

11. (currently amended) A cable Cable according to Claim 8, in which wherein the predetermined polygonal arrangement is a circle.

12. (currently amended) A cable Cable according to Claim 8, in which wherein the

predetermined polygonal arrangement is a rectangle.

13. (currently amended) A cable according to Claim 11, ~~in which~~ wherein the cable (23) comprises conductors (21) of different polygonal cross-sections.

14. (currently amended) A cable according to Claim 8, ~~in which~~ wherein the predetermined polygonal arrangement is surrounded by at least one layer of a protective material.

15. (currently amended) A cable according to Claim 14, ~~in which~~ wherein the layer of protective material is a metallic protective material.

16. (currently amended) A cable according to Claim 15, ~~in which~~ wherein the layer of protective material is a thermoplastic and/or thermosetting polymeric protective material.

17. (currently amended) A cable according to Claim 14, ~~in which~~ wherein the layer of protective material is a textile material applied as ~~in the form of~~ a protective belt.

18. (currently amended) A cable according to Claims 15, ~~in which~~ wherein the predetermined polygonal arrangement is surrounded by a combination of layers of protective material.

19. (currently amended) A method of manufacturing ~~Method of manufacture of a~~ metallic conductor (21) according to Claim 1, characterized in that the method comprises the steps of at least the stages of:

deforming deformation, using a mechanical means of deformation, of a metallic conductor (21) that comprises an assembly of round metallic wires (22) ~~for achieving to~~ achieve the predetermined polygonal cross-section, and

extruding extrusion, using an extrusion means, of the metallic conductor (21) obtained in the preceding operation.

20. (currently amended) A cable ~~Cable~~ according to Claim 12, ~~in which~~ wherein the cable (23) comprises conductors (21) of different polygonal cross-sections.

21. (new) A cable according to claim 8, wherein the cable is sufficiently flexible to meet classes V and VI of IEC-60228 standard.

22. (new) A cable according to claim 8, wherein the cable is sufficiently flexible to permit coiling of the cable on a spool.

23. (new) A flexible electric and/or communication cable consisting of:
a plurality of metallic conductors; each of the conductors comprising a plurality of wires and an insulating layer enveloping the wires; wherein the wires and the insulating layer are constructed and arranged to form a conductor having a predetermined polygonal cross-section having a curved side; and

a flexible protective sheath covering the plurality of metallic conductors.